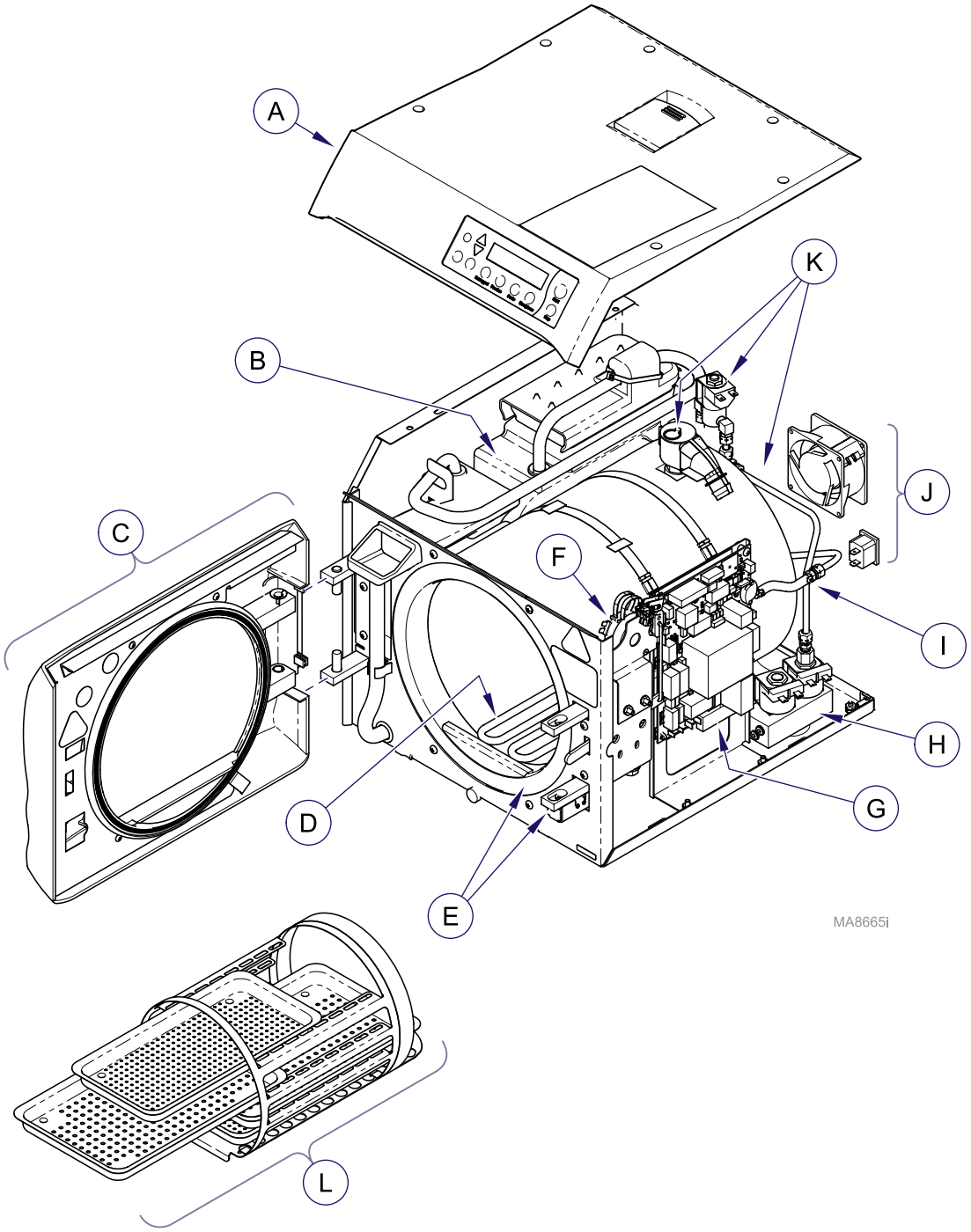
M9/D (-020 thru -022)
M11/D (-020 thru -022)

Item	Description / Page	Includes
A	*Main Enclosure*	top cover / display panel assembly, leveling feet, hinge cover panels (side / back / base)
B	*Reservoir / Drain Tube*	condensing coil, equalization tube, tank, drain tube / hose clips
C	*Door Components*	door cover, handle, latch bracket, gaskets / ring
D	*Heating Element / Hi-limit Thermostats*	115 / 230V heating elements, hi-limit thermostats
E	*Chamber / Door Latch*	door switch, latch lever / brackets, filters
F	*Door Motor System**	door motor kit, connecting rod, switch
G	*Main PC Board*	PC board, fuses
H	*Fill / Vent Valve*	valve repair kits, fittings, wiring harness
I	*Tubing / Fittings*	tubing, fittings, cable ties, pressure relief tubing
J	*Fan System / Power Cord*	fan / thermostat, power cord, power cord receptacle
K	*Sensors / Valves*	temp probe, water level sensor, air valve, pressure relief valve
L	*Trays / Racks*	trays, rack, tray plate, Speed-Clean
-	*Labels / Decals (not shown)*	hot surface, water level labels
-	*Packaging (not shown)*	shipping box, packaging cushions, skid (M11 models only)
**serial # break / multiple pages*		



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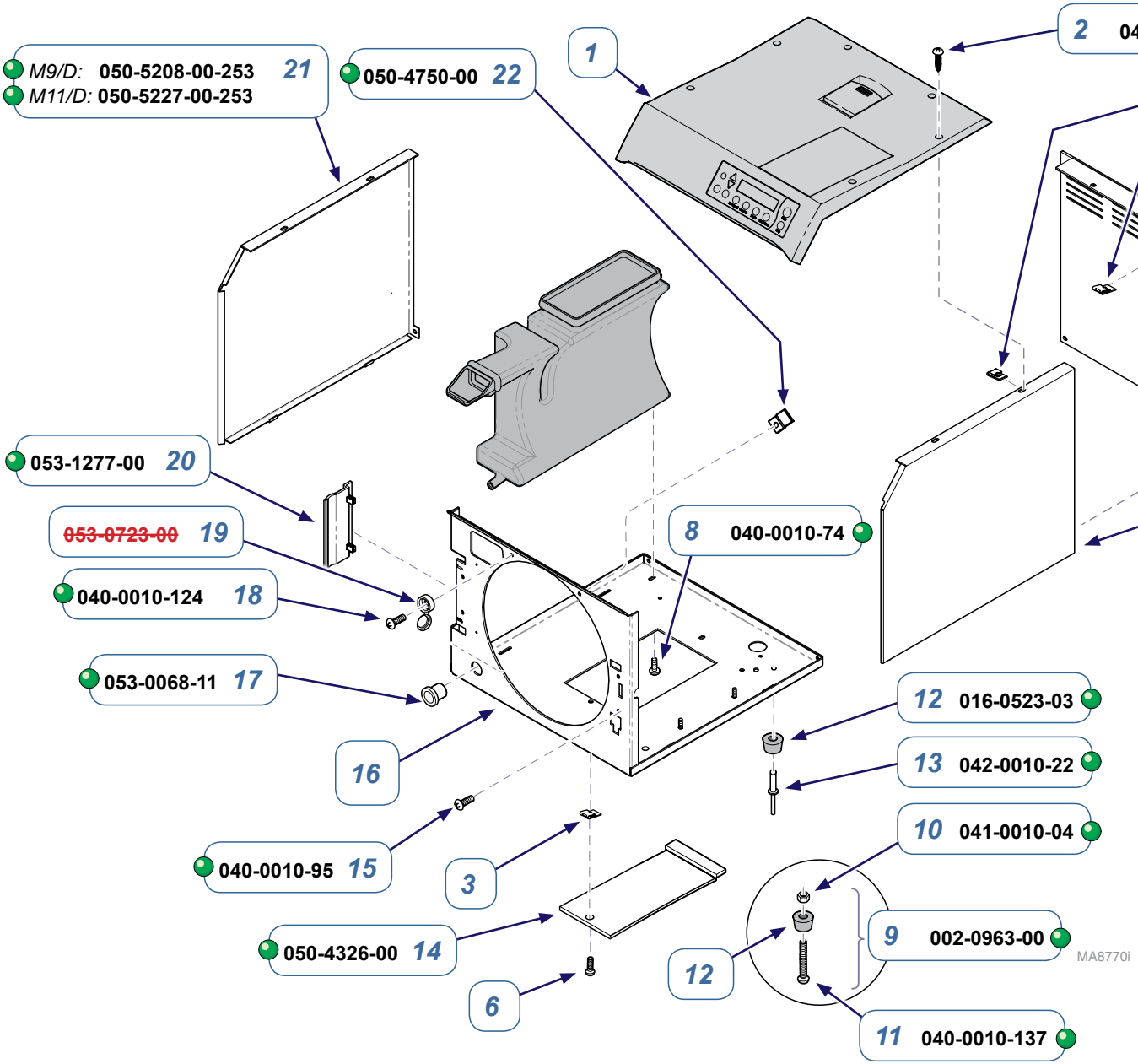

Main Enclosure

Item	Description	Qty.
1	Refer to: *"Top Cover Assembly"*	Ref
2	Screw *(#10 x 1-1/4")*	7
3	Tinnerman Clip	9
4	Back Panel	1
5	Lockwasher	3
6	Screw *(#10 x 1/2", self-tapping)*	3
7	Side Panel (RH)*	1
8	Screw *(#10-32 x 3/8")*	4
9	Leveling Feet Kit: includes 4 feet + hardware *(includes items 10 thru 12)*	1
10	• Nut *(#10-24)*	4
11	• Screw	4
12	• Leveling Foot	4
13	Rivet	4
14	Inspection Cover	1
15	Screw *(#10-24 x 5/8")*	4
16	***NFS*** **-** Base Panel*	8.5"
17	Bushing	1
18	Screw *(#24 x 3/8")*	2
19	Screw Cover *(Early Units Only)*	2
20	Hinge Cover	1
21	Side Panel (LH)*	1
22	Flange Clamp	4

**NOTE: Side / back panels are coated with textured paint. Smooth panels used on early units are no longer available.*

Model Numbers:	Serial Numbers:
M9/D (-020 thru -022)	*All*
M11/D (-020 thru -022)	*All*

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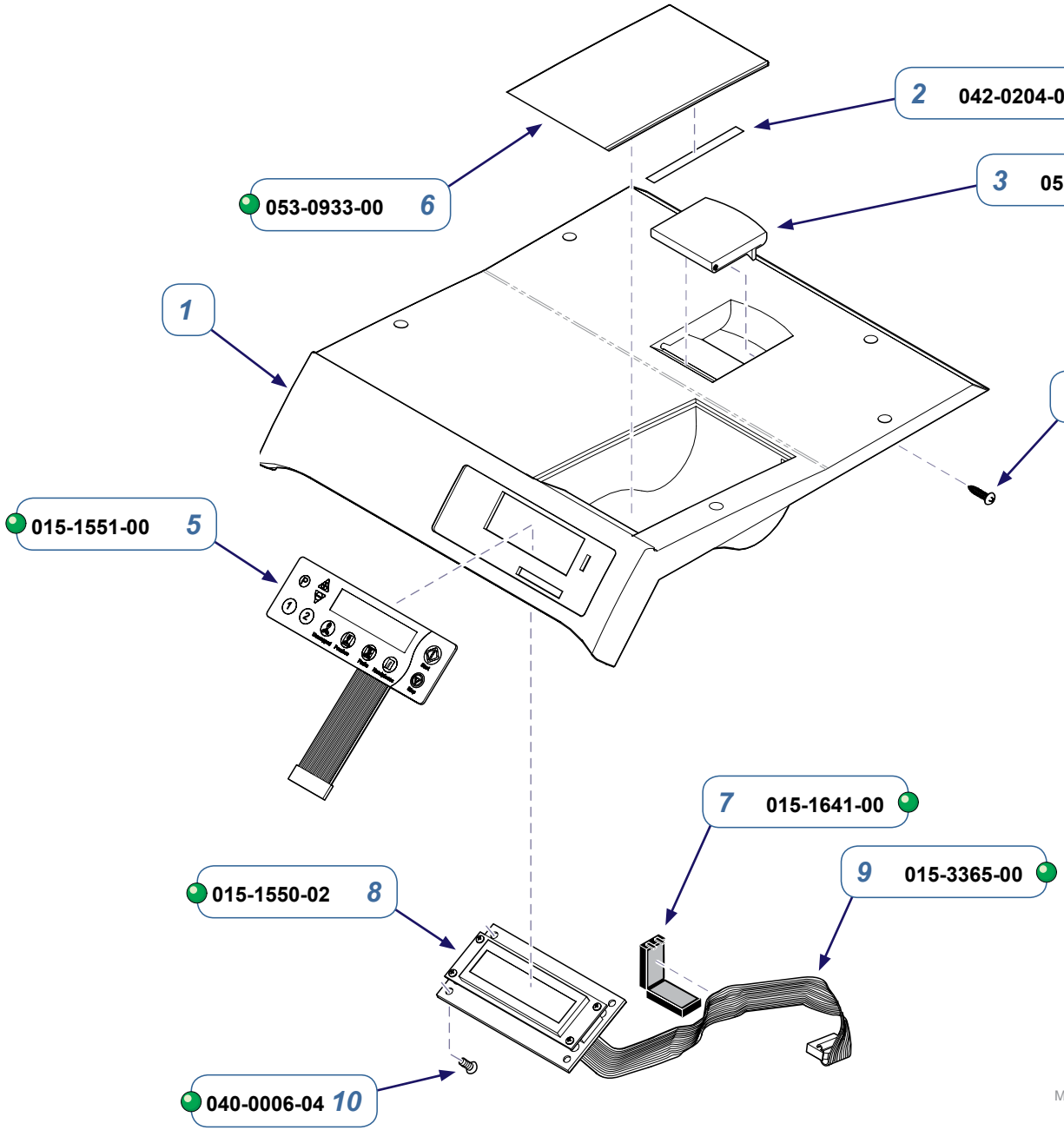

1 a) 002-0782-00
b) 002-0782-01
c) 002-0780-00
d) 002-0780-01

Top Cover Assembly

Item	Description	Qty.
1	Top Cover Assembly *(includes items 2 thru 6)* *a) M9/D - Midmark* *b) M9/D - Ritter* *c) M11/D - Midmark* *d) M11/D - Ritter*	1
2	• Adhesive Strip	3
3	• Pressure Relief Handle	1
4	• Screw *(#10 x 1-1/4")*	1
5	• Touch Pad	1
6	• Cover Plate	1
7	Suppression Coil	1
8	Display Panel *(includes item 9)*	
9	• Ribbon Cable	1
10	Screw *(#6 x 3/8")*	2

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

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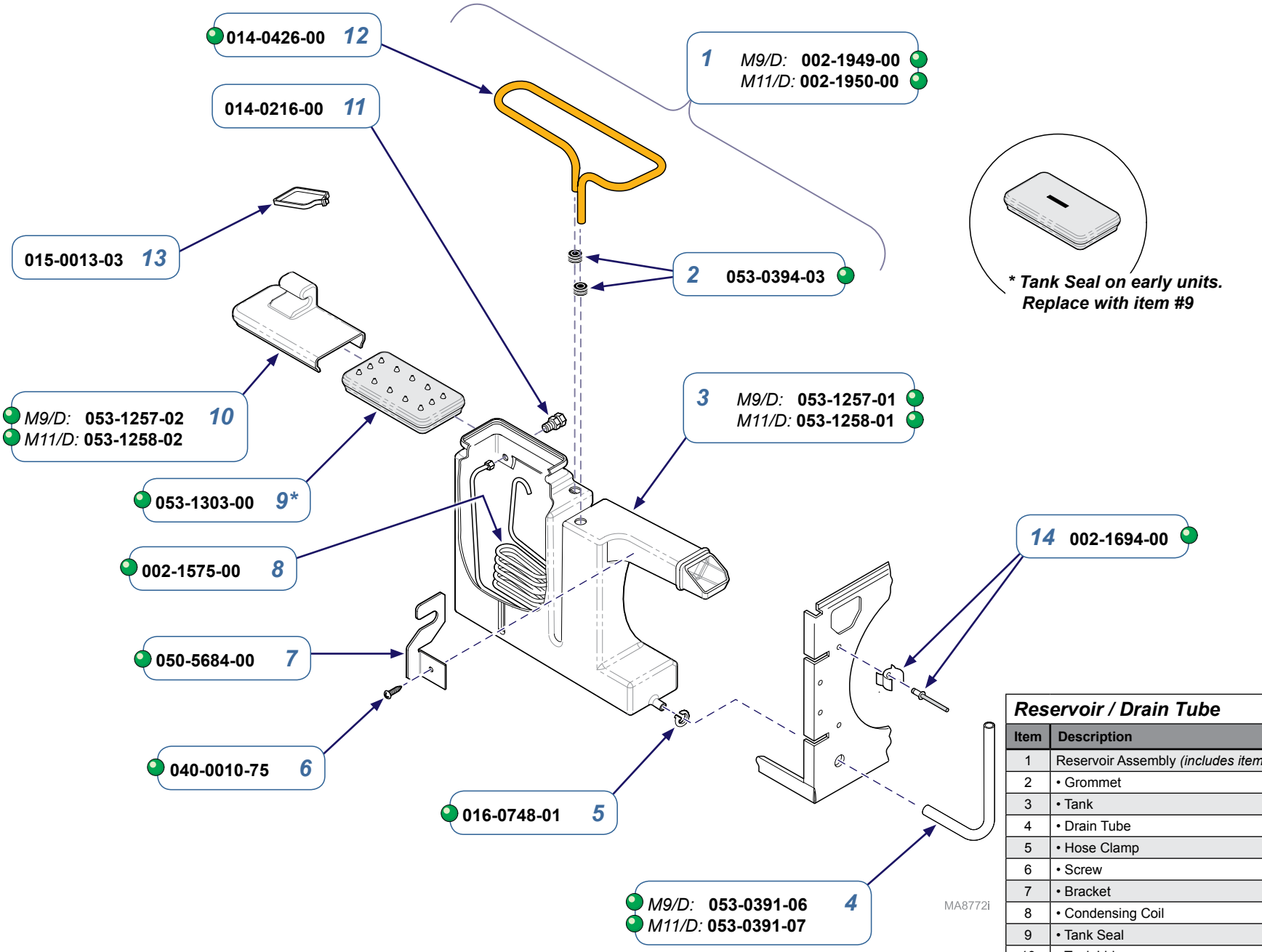

Reservoir / Drain Tube

Item	Description	Qty.
1	Reservoir Assembly *(includes items 2 thru 12)*	1
2	• Grommet	2
3	• Tank	1
4	• Drain Tube	1
5	• Hose Clamp	1
6	• Screw	1
7	• Bracket	1
8	• Condensing Coil	1
9	• Tank Seal	1
10	• Tank Lid	1
11	• Bulkhead Fitting	1
12	• Equalization Tube	1
13	Cable Tie	1
14	Hose Clip Kit *(includes 2 clips and pop rivets)*	1

Model Numbers:	Serial Numbers:
M9/D (-020 thru -022)	*V2200 thru V1464209*
M11/D (-020 thru -022)	*V2200 thru V1479340*

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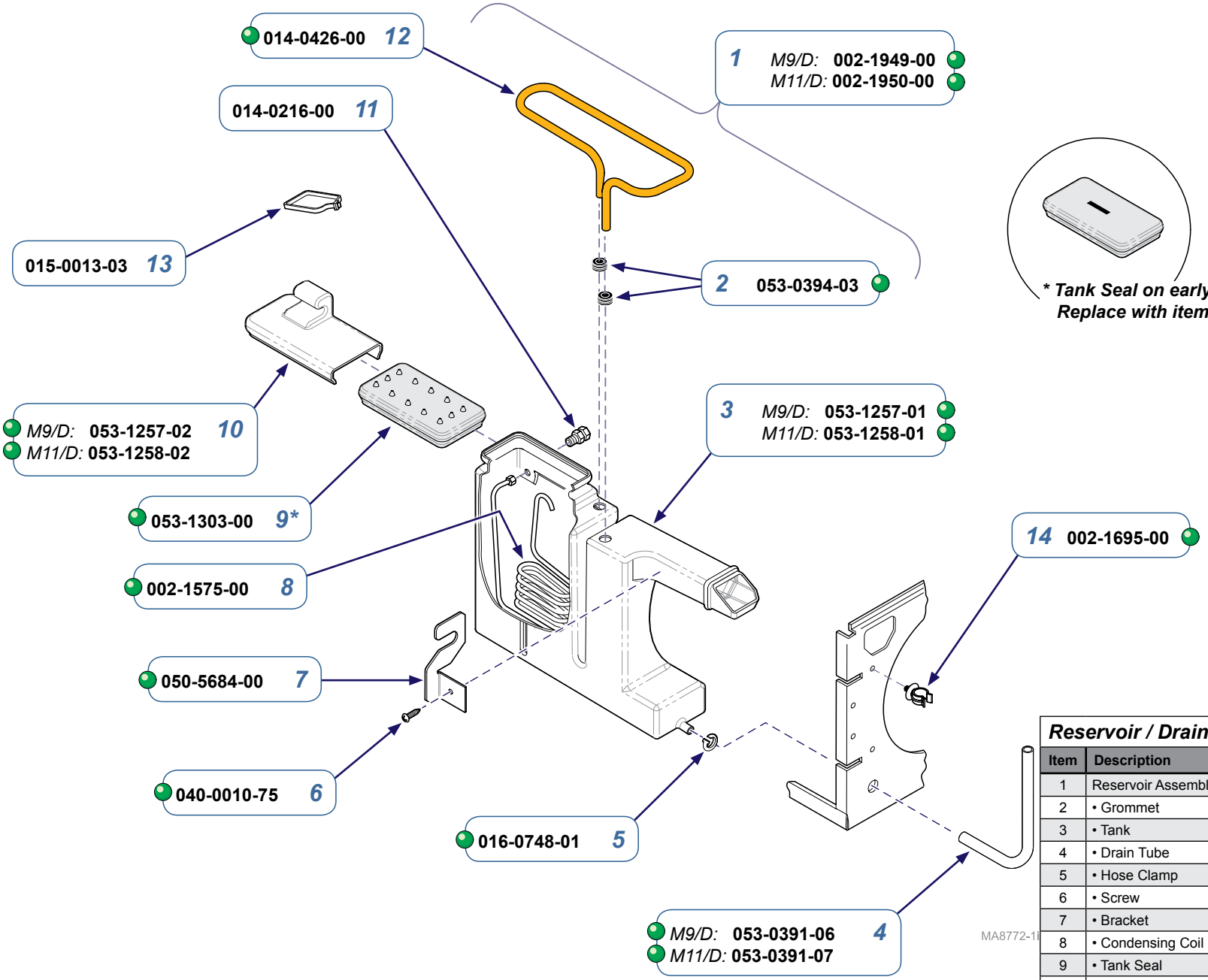

Reservoir / Drain Tube

Item	Description	Qty.
1	Reservoir Assembly *(includes items 2 thru 12)*	1
2	• Grommet	2
3	• Tank	1
4	• Drain Tube	1
5	• Hose Clamp	1
6	• Screw	1
7	• Bracket	1
8	• Condensing Coil	1
9	• Tank Seal	1
10	• Tank Lid	1
11	• Bulkhead Fitting	1
12	• Equalization Tube	1
13	Cable Tie	1
14	Hose Clip Kit *(includes 2 clips)*	1

Model Numbers:	Serial Numbers:
M9/D (-020 thru -022)	*V1464210 thru Present*
M11/D (-020 thru -022)	*V1479341 thru Present*

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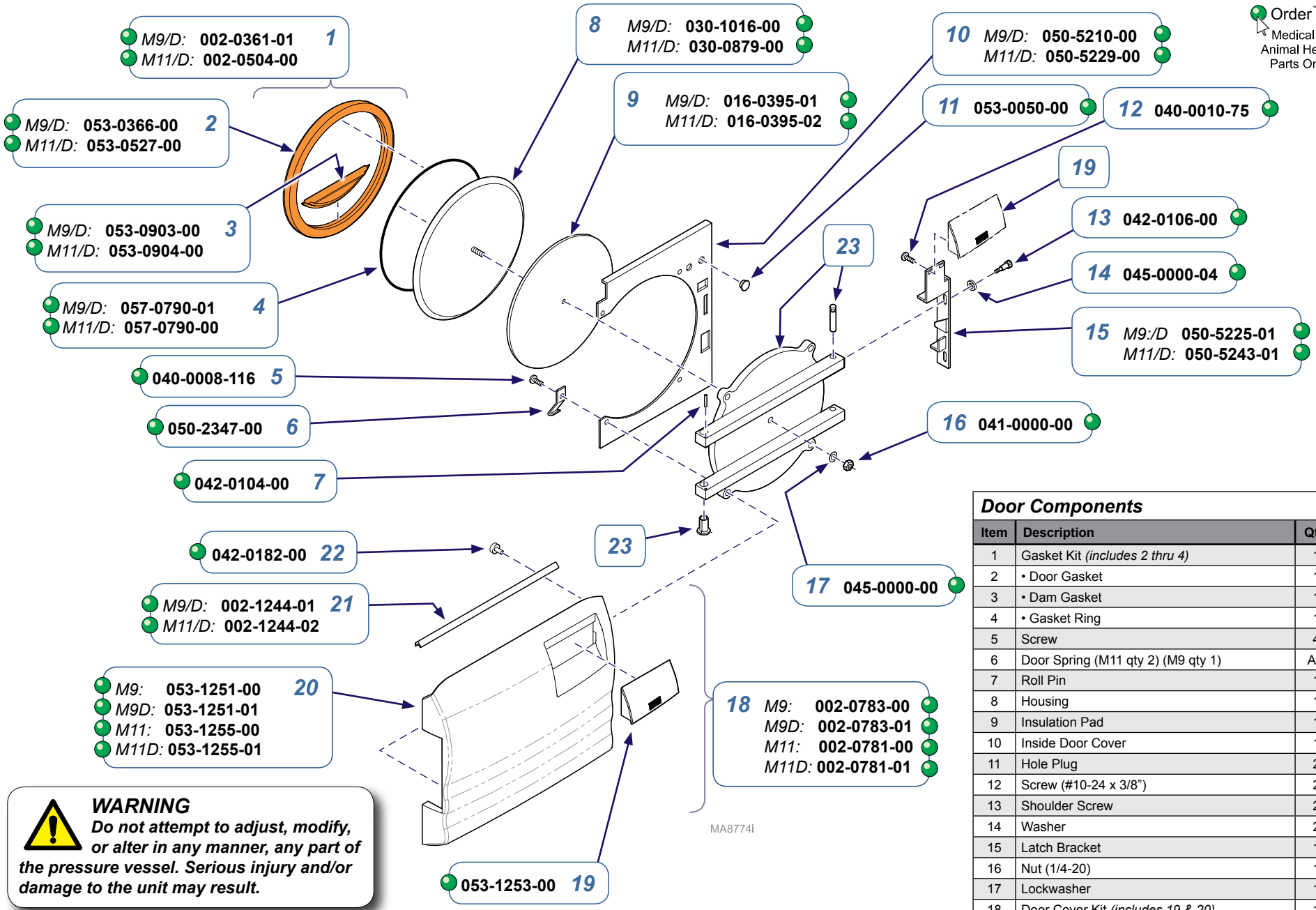

WARNING
Do not attempt to adjust, modify, or alter in any manner, any part of the pressure vessel. Serious injury and/or damage to the unit may result.

Door Components

Item	Description	Qty.
1	Gasket Kit *(includes 2 thru 4)*	1
2	• Door Gasket	1
3	• Dam Gasket	1
4	• Gasket Ring	1
5	Screw	4
6	Door Spring (M11 qty 2) (M9 qty 1)	AR
7	Roll Pin	1
8	Housing	1
9	Insulation Pad	1
10	Inside Door Cover	1
11	Hole Plug	2
12	Screw (#10-24 x 3/8")	2
13	Shoulder Screw	2
14	Washer	2
15	Latch Bracket	1
16	Nut (1/4-20)	1
17	Lockwasher	1
18	Door Cover Kit *(includes 19 & 20)*	1
19	• Door Handle	1
20	• Door Cover	1
21	Steam Block Kit *(includes 22)*	1
22	• Snap Clip	4
23	Pressure Vessel Components *(see **Warning**)*	-

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

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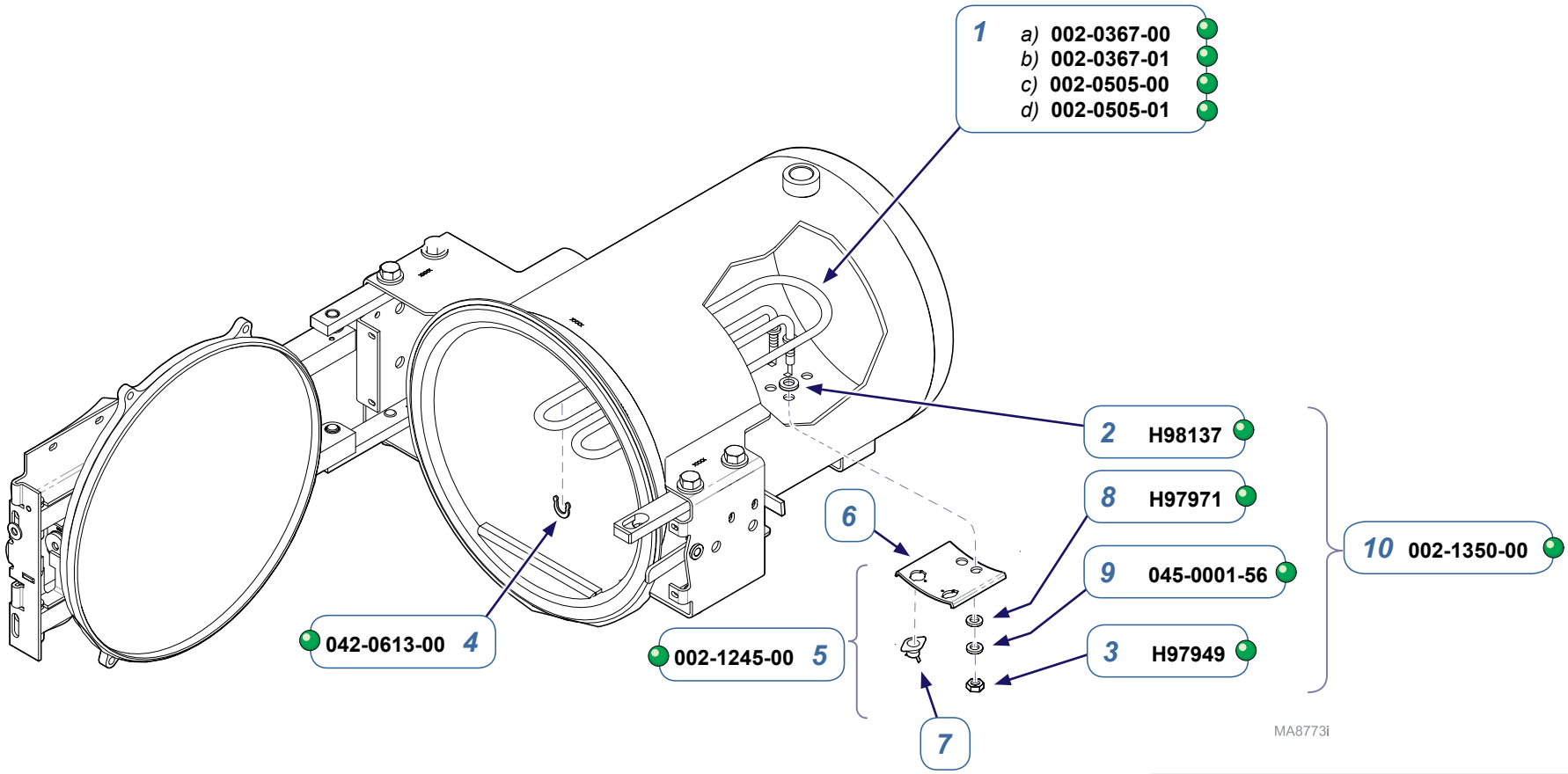

Heating Element / Hi-Limit Thermostats

Item	Description	Qty.
1	Heating Element *(includes items 2 thru 4)* *a) M9: 115V* *b) M9: 230V* *c) M11: 115V* *d) M11: 230V*	1
2	• Gasket	2
3	• Nut	2
4	• Radial Grip Ring	4
5	Thermostat / Bracket Kit *(includes items 3, 6, 7)*	1
6	• Thermostat Bracket	1
7	• Hi-Limit Thermostat	2
8	Washer	2
9	Lockwasher *(7/16", internal tooth)*	2
10	Gasket Kit *(includes items 2, 3, 8, & 9)*	1

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*All prefixes: RN, RP, RR, RS, RT, RV, RW, RX, RY, RZ* *V2200 thru V400876*

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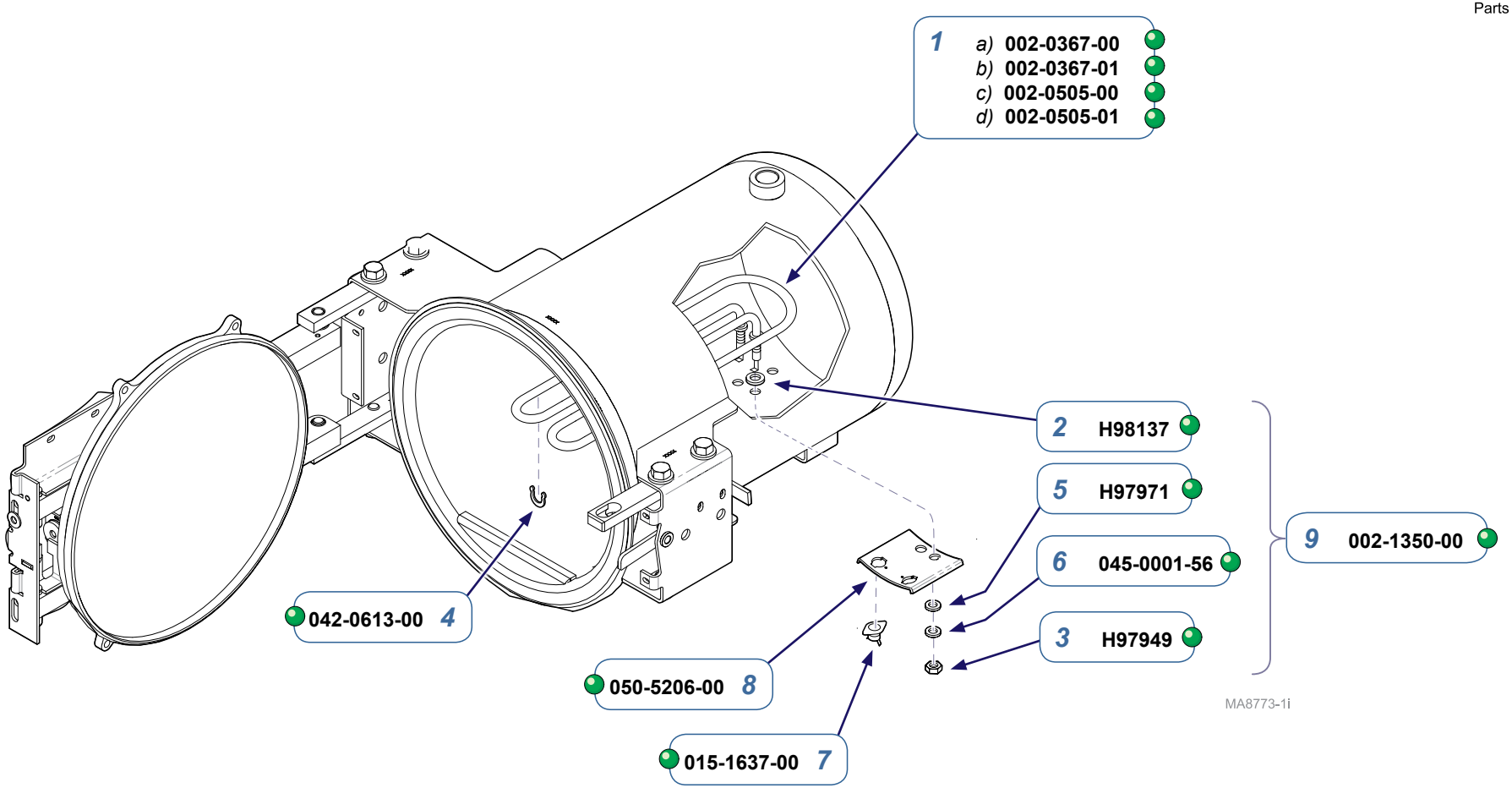

Heating Element / Hi-Limit Thermostats

Item	Description	Qty.
1	Heating Element *(includes items 2 thru 4)* *a) M9: 115V* *b) M9: 230V* *c) M11: 115V* *d) M11: 230V*	1
2	• Gasket	2
3	• Nut	2
4	• Radial Grip Ring	4
5	Washer	2
6	Lockwasher *(7/16", internal tooth)*	2
7	Hi-Limit Thermostat	2
8	Thermostat Bracket	1
9	Gasket Kit *(includes items 2, 3, 5, & 6)*	1

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*V400877 thru present*

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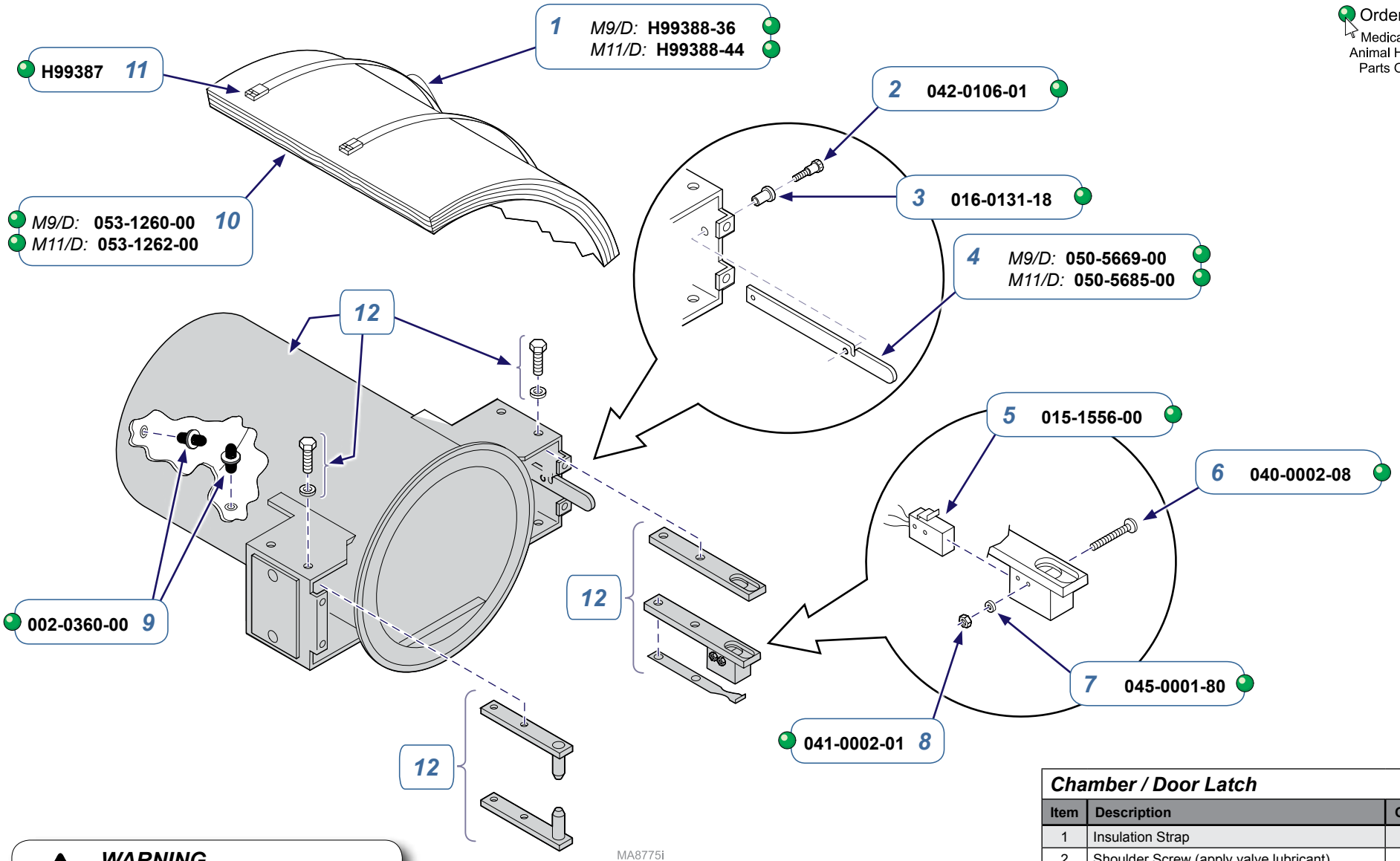

WARNING
Do not attempt to adjust, modify, or alter in any manner, any part of the pressure vessel. Serious injury and/or damage to the unit may result.

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

Chamber / Door Latch

Item	Description	Qty.
1	Insulation Strap	2
2	Shoulder Screw (apply valve lubricant)	2
3	Flange Bearing	1
4	Latch Lever	1
5	Door Switch	1
6	Screws (#2-56 x 1”)	2
7	Lockwasher (#2)	2
8	Nut (#2-56)	2
9	Chamber Filter	2
10	Insulation Wrapper	1
11	Strap Fastener	2
12	Pressure Vessel Components *(see Warning)*	-

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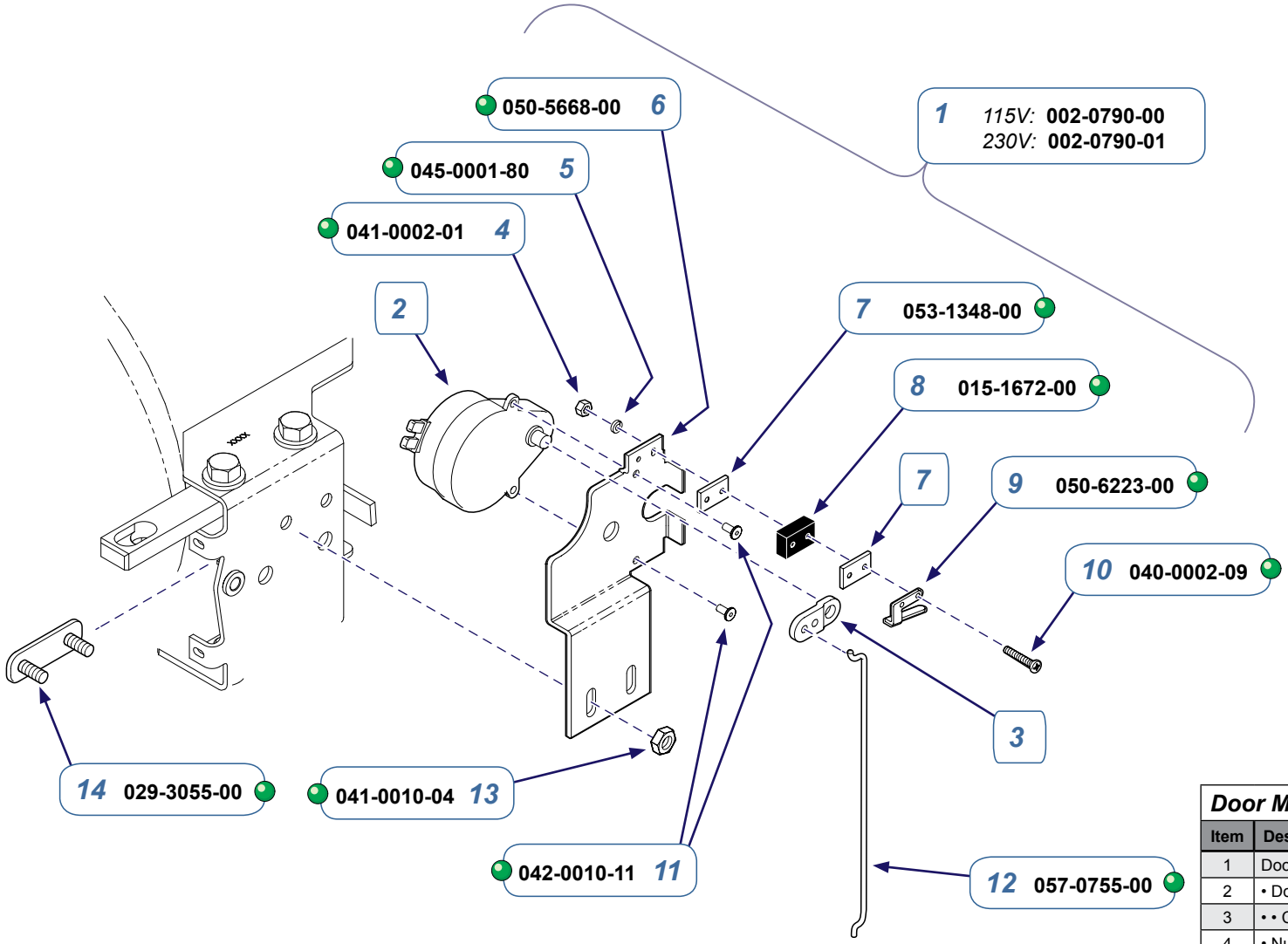

MA8788i

Door Motor System

Item	Description	Qty.
1	Door Motor Kit *(includes 2 thru 11)*	1
2	• Door Motor *(includes item 3)*	1
3	• • Cam	1
4	• Nut	2
5	• Lockwasher *(#2)*	2
6	• Bracket	1
	002-1088-02 Door Switch Mounting / Insulator Kit *(includes items 4, 5, 7, thru 10)*	
7	• Insulation	2
8	• Door Motor Switch (w/Harness)	1
9	• Switch Actuator	1
10	• Screw *(#10-24 x 3/8")*	2
11	• Pop Rivet	2
12	Connecting Rod	1
13	Nut *(#10-24)*	2
14	Stud Plate *(used on early units w/o studs)*	1

Page Applies To Model Numbers:	Serial Numbers:
M9 (-020)	*RN1000 thru RN1184, RN1236 thru RN1240*
M9 (-021 / -022)	*RP1000 thru RP1004, RR1000 thru RR1368*
M11 (-020 / -021 / -022)	*RS1000 thru RS1299, RT1000 thru RT1026, RV1000 thru RV1179*

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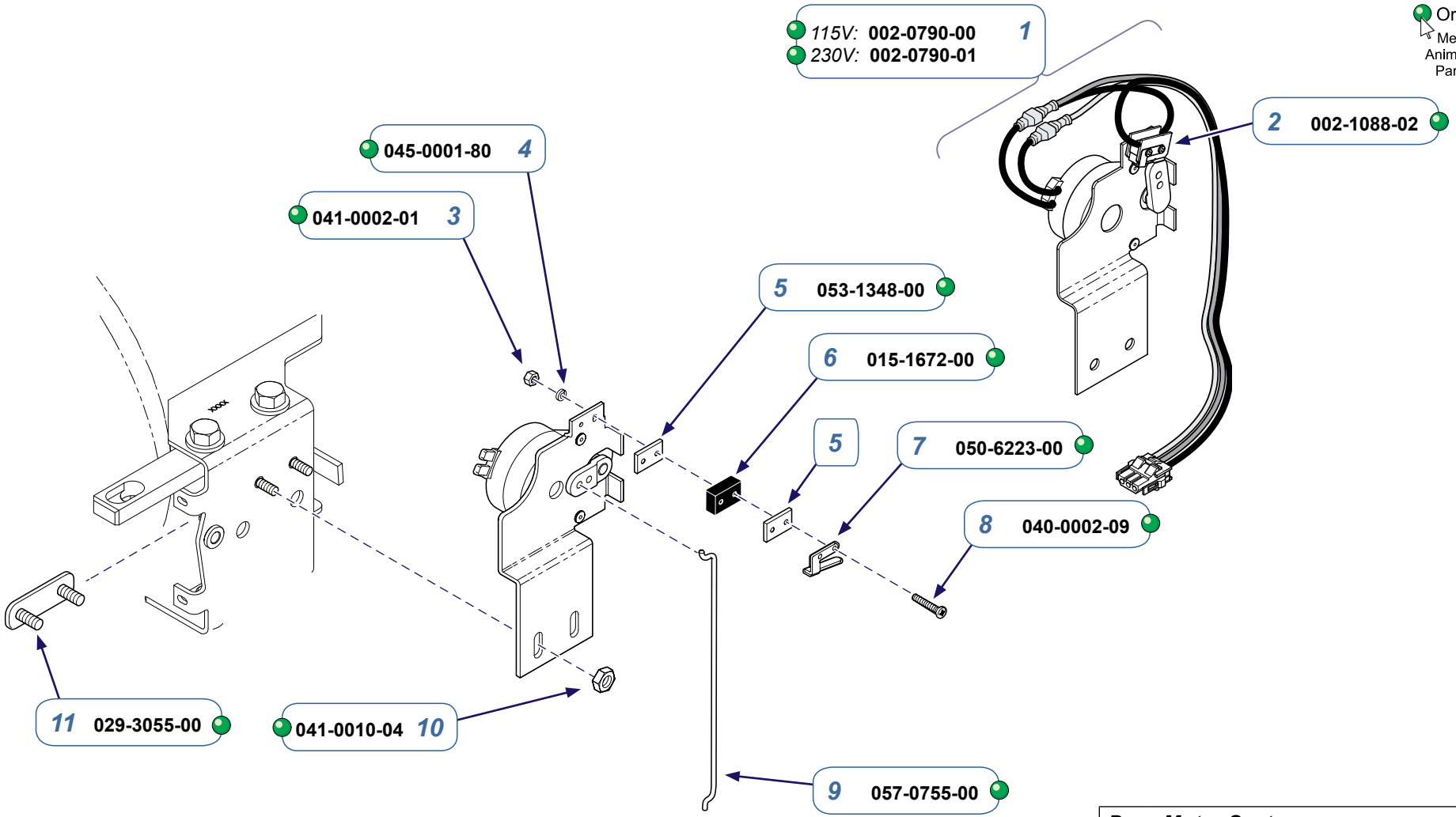

MA8788-1i

Door Motor System

Item	Description	Qty.
1	Replacement Door Motor Kit *(includes item 2)*	1
2	Door Switch, Mounting & Insulator Kit *(includes items 3 thru 8)*	1
3	• Nut	2
4	• Lockwasher *(#2)*	2
5	• Insulation	2
6	• Door Motor Switch (w/Harness)	1
7	• Switch Actuator	1
8	• Screw *(#10-24 x 3/8")*	2
9	Connecting Rod	1
10	Nut *(#10-24)*	2
11	Stud Plate *(used on early units w/o studs)*	1

Page Applies To Model Numbers:	Serial Numbers:
M9 (-020)	*RN1185 thru RN1235, RN1241 thru Present, V2200 thru Present*
M9 (-021 / -022)	*RP1005 thru Present, RR1369 thru Present, V2200 thru Present*
M11 (-020 / -021 / -022)	*RS1300 thru Present, RT1027 thru Present, RV1180 thru Present, V2200 thru Present*

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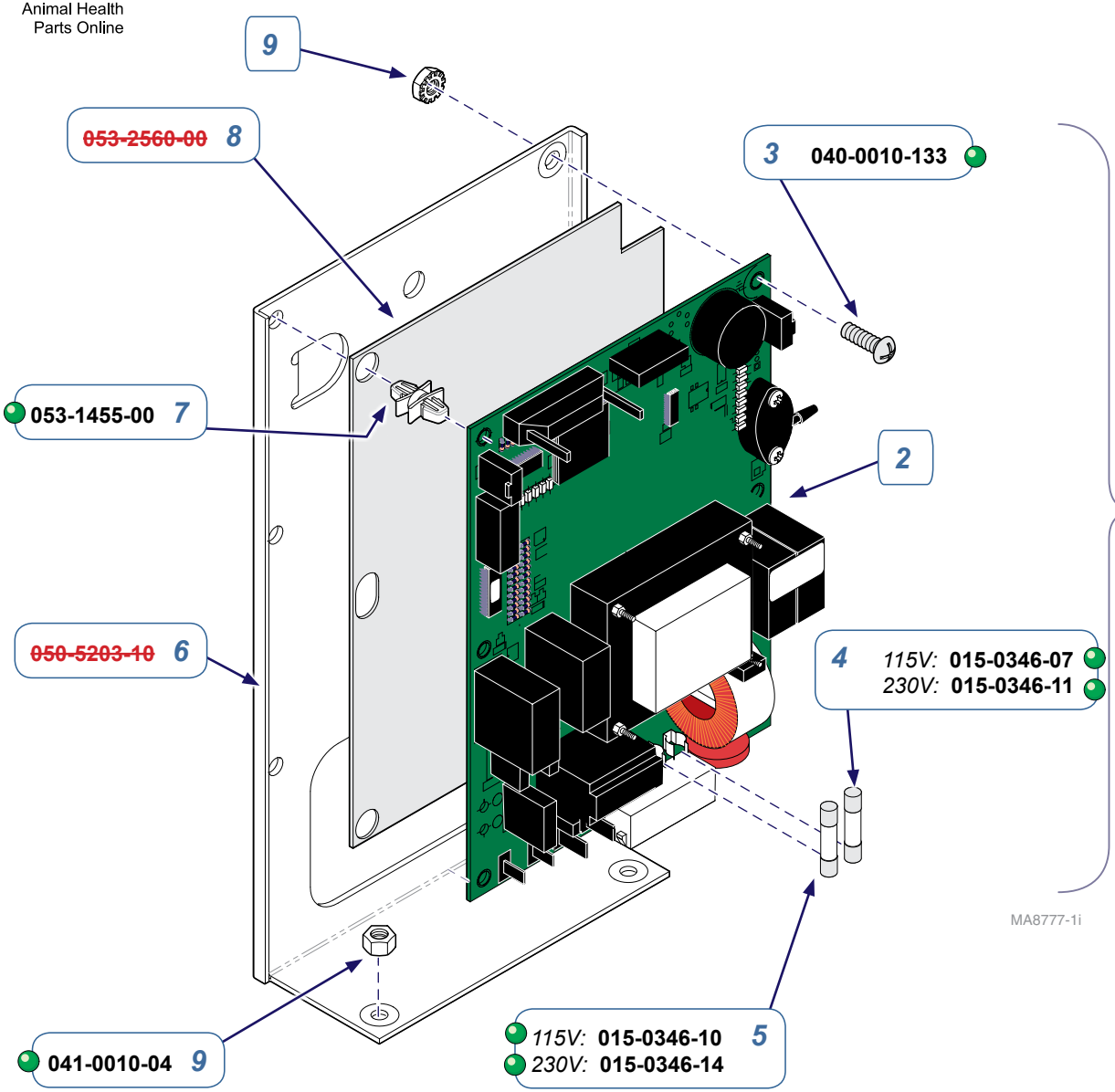
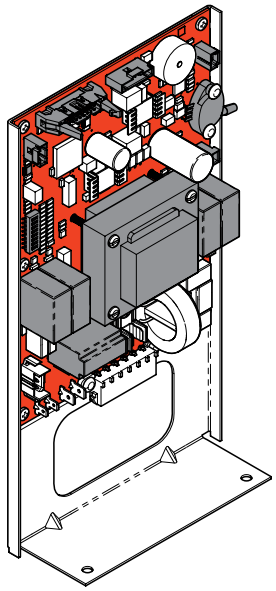


MA8777-1i

1 **M9 / M11**
115V: **002-1992-00**
230V: **002-1992-01**

M9D / M11D
115V: **002-1992-02**



2 **M9 / M11**
~~*115V:* **002-0762-00**~~
~~*230V:* **002-0762-01**~~

M9D / M11D
~~*115V:* **002-0762-02**~~

Main PC Board

Item	Description	Qty.
1	Replacment PC Board Kit	1
2	*PC Board*	1
3	• Screw *(#10-24 x 5/8")*	2
4	• F2 Fuse: *115V: (15 amp, 250V, 3 AB Fast Acting)* *230V: (8 amp, 250V, Type F Fast Acting)*	1
5	• F1 Fuse: *115V: (0.25 amp, 250V, 3 AG Slo-Blo* *230V: (0.125 amp, 250V, Medium-Time Lag)*	1
6	• Mounting Bracket	1
7	• Standoff	4
8	• Insulator	1
9	• Nut *(#10-24)*	2

Page Applies To Model Numbers:	Serial Numbers:
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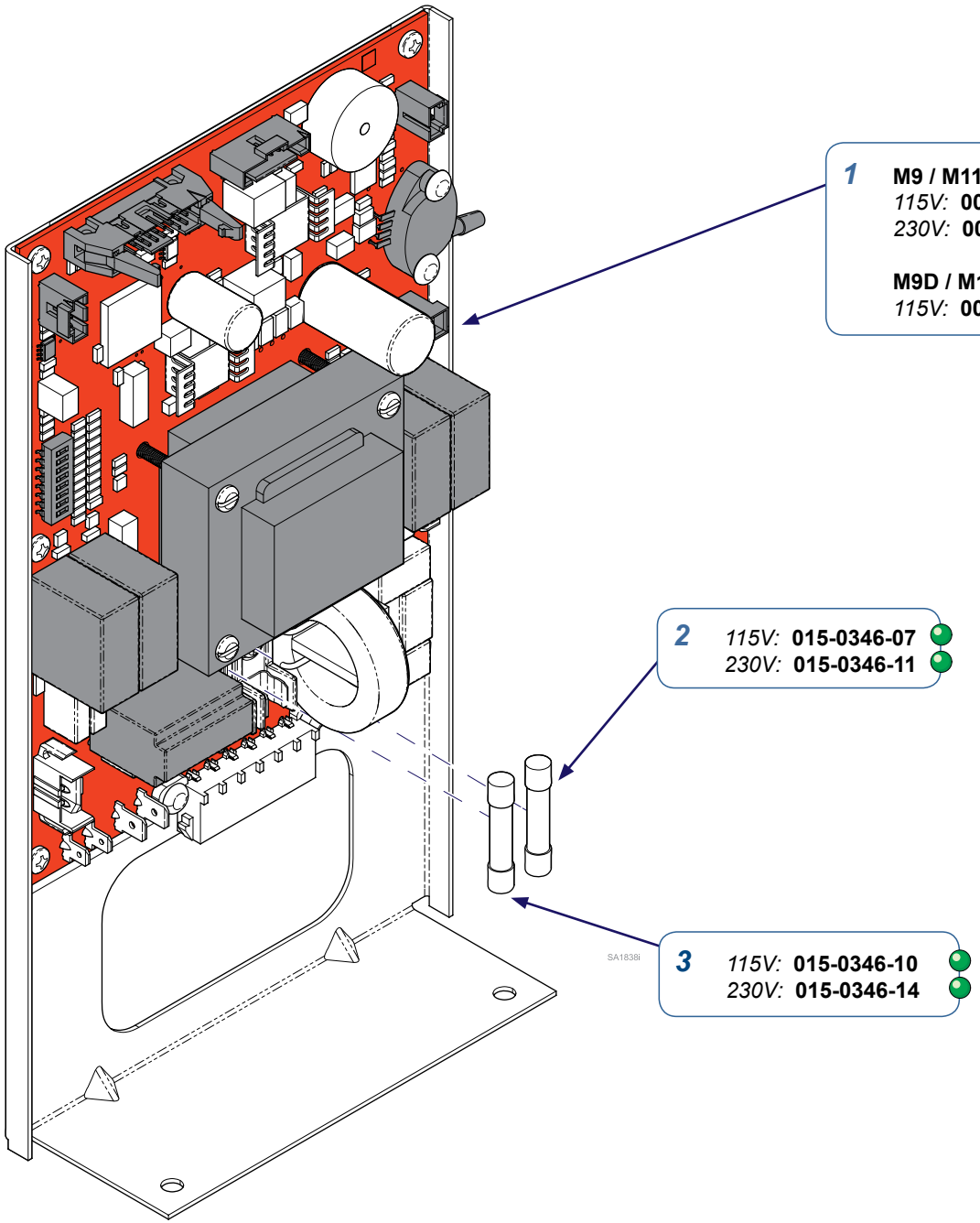

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*V1697650 thru Present*

Main PC Board

Item	Description	Qty.
1	PC Board Kit *(includes 2 thru 10)*	1
2	• F2 Fuse: *115V: (15 amp, 250V, 3 AB Fast Acting)* *230V: (8 amp, 250V, Type F Fast Acting)*	1
3	• F1 Fuse: *115V: (0.25 amp, 250V, 3 AG Slo-Blo* *230V: (0.125 amp, 250V, Medium-Time Lag)*	1

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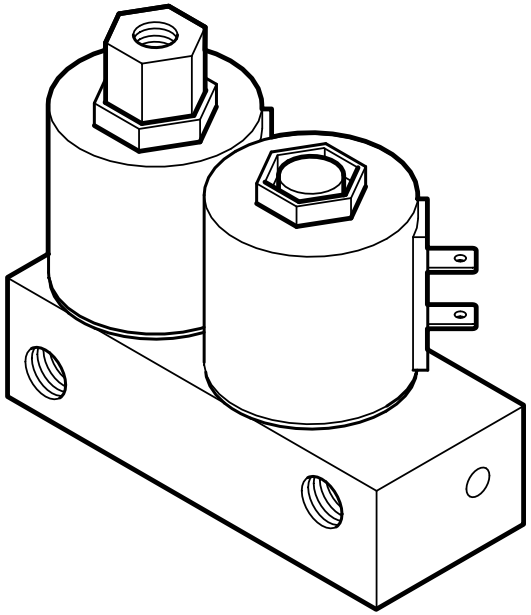
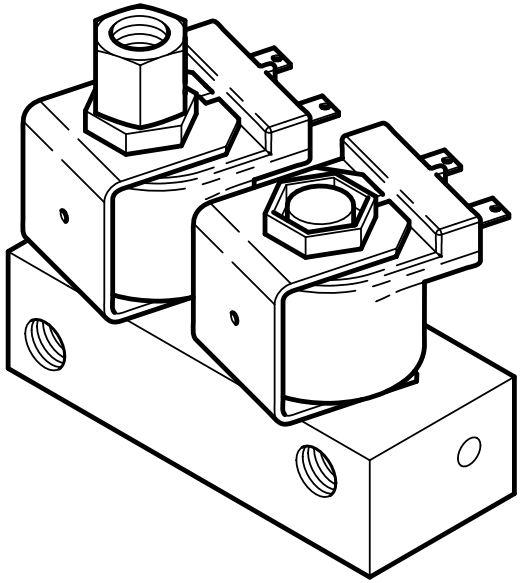
Fill / Vent Valve Identification

Fill / Vent Valve (Old-style)



Fill / Vent Valve (New-style)



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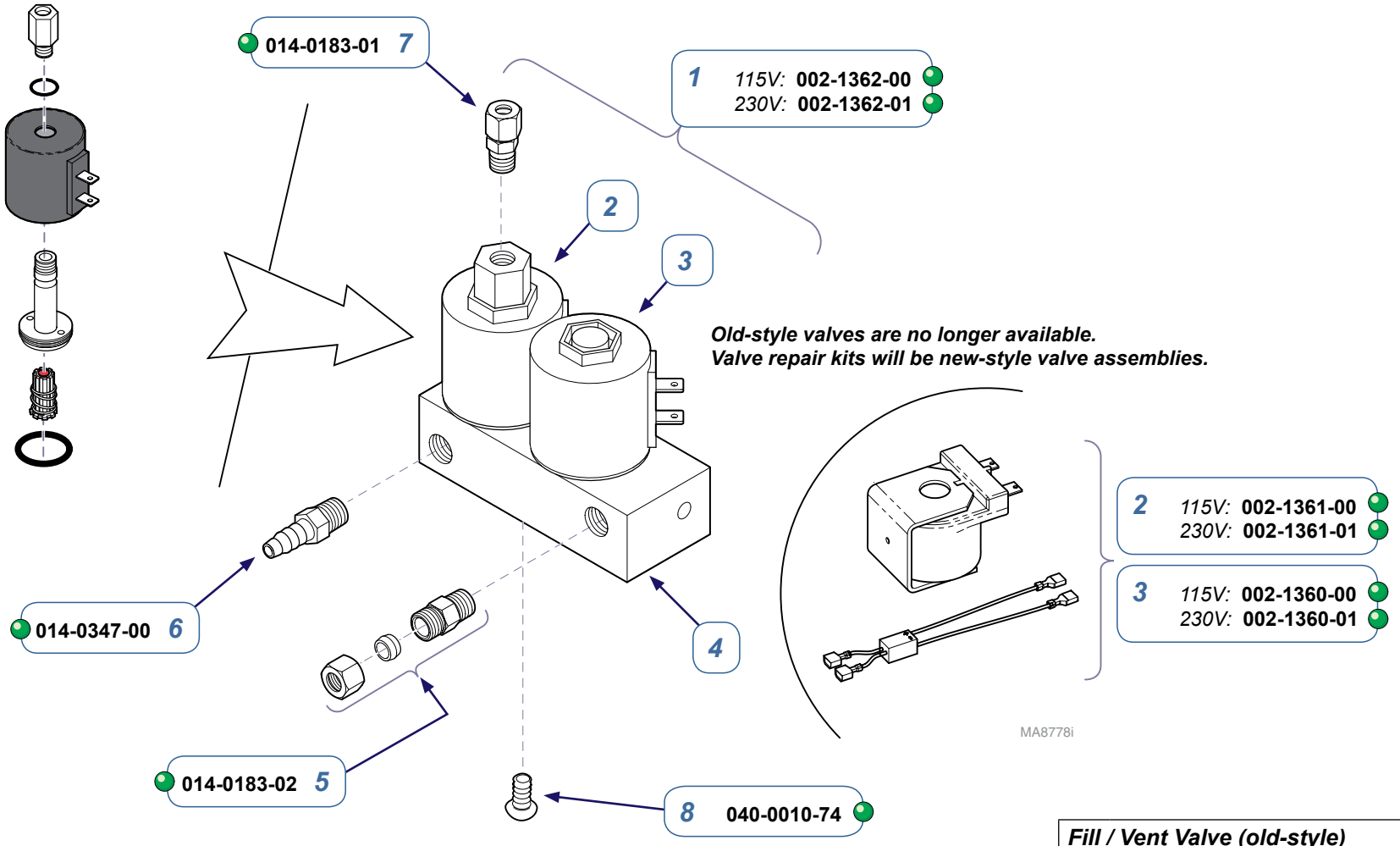
Component parts for old-style valves are no longer available. Parts shown for reference only.



Fill / Vent Valve (old-style)		
Item	**Description**	**Qty.**
1	Fill / Vent Valve Assembly *(includes 2 thru 7)*	1
2	• Vent Valve Repair Kit	1
3	• Fill Valve Repair Kit	1
4	• Manifold Block *(not available)*	1
5	• 3/8" Fitting	1
6	• Barb Fitting	1
7	• 1/4" Fitting	1
8	Screw *(#10-32 x 3/8")*	1

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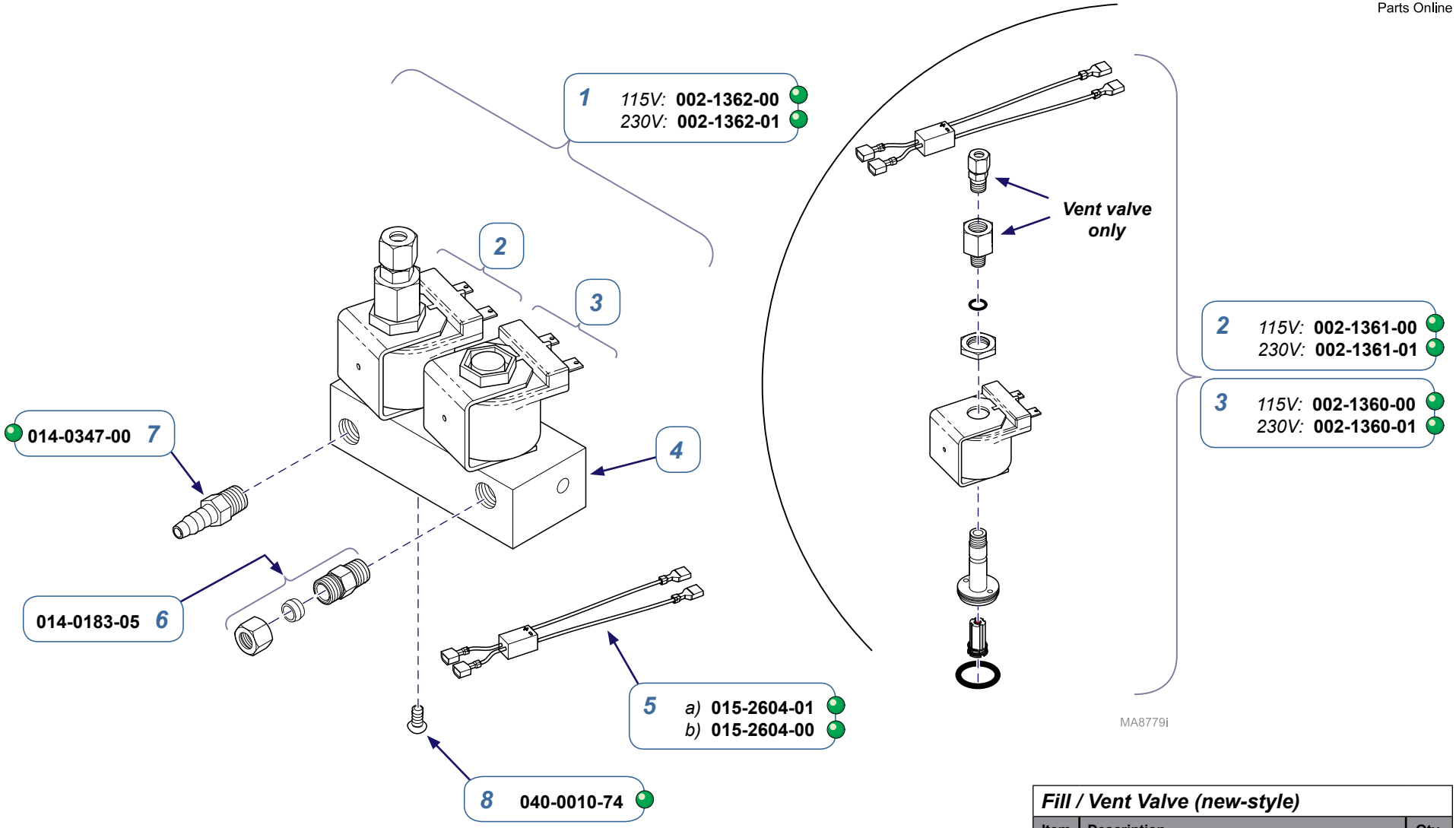

Fill / Vent Valve (new-style)		
Item	**Description**	**Qty.**
1	Fill / Vent Valve Assembly *(includes 2 thru 7)*	1
2	• Vent Valve Repair Kit	1
3	• Fill Valve Repair Kit	1
4	• Manifold Block *(not available)*	1
5	• Wiring Harness: *a) for Vent Valve (red)* *b) for Fill Valve (black)*	1
6	• 3/8" Fitting	1
7	• Barb Fitting	1
8	Screw *(#10-32 x 3/8")*	1

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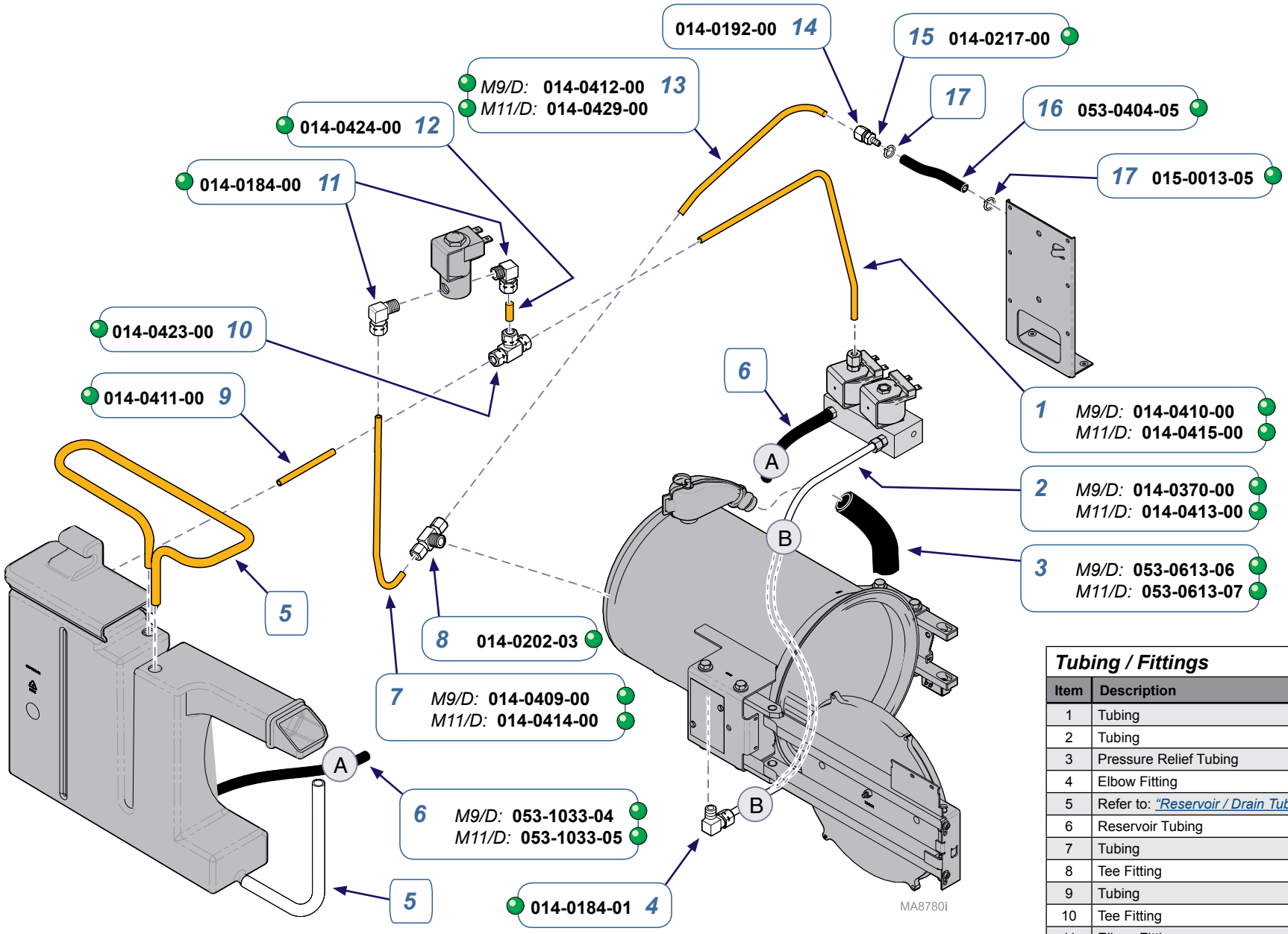

Tubing / Fittings

Item	Description	Qty.
1	Tubing	1
2	Tubing	1
3	Pressure Relief Tubing	1
4	Elbow Fitting	1
5	Refer to: *"Reservoir / Drain Tube"*	Ref
6	Reservoir Tubing	1
7	Tubing	1
8	Tee Fitting	1
9	Tubing	1
10	Tee Fitting	1
11	Elbow Fitting	2
12	Tubing	1
13	Tubing	1
14	Compression Nut	1
15	Compression Connector	1
16	Tubing	1
17	Hi-Temp Cable Tie	2

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

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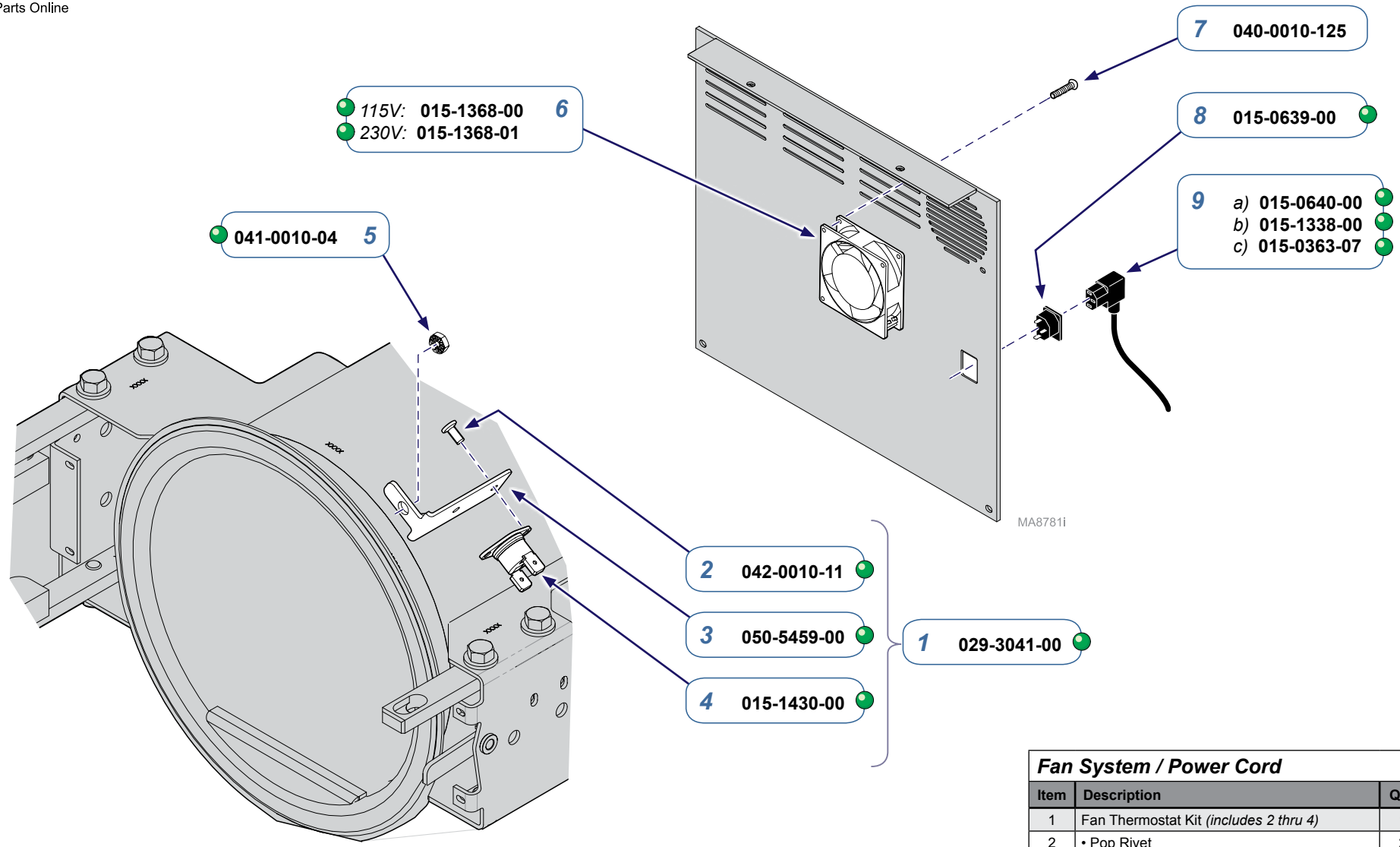

Fan System / Power Cord

Item	Description	Qty.
1	Fan Thermostat Kit *(includes 2 thru 4)*	1
2	• Pop Rivet	2
3	• Bracket	1
4	• Thermostat	1
5	Nut *(#10-24)*	1
6	Fan	1
7	Screw *(#10 x 1/2", self-tapping)*	2
8	Power Cord Receptacle	1
9	Power Cord: *a) 115V: 90° Plug (shown)* *b) 115V: Straight Plug (not shown)* *c) 230V*	1

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

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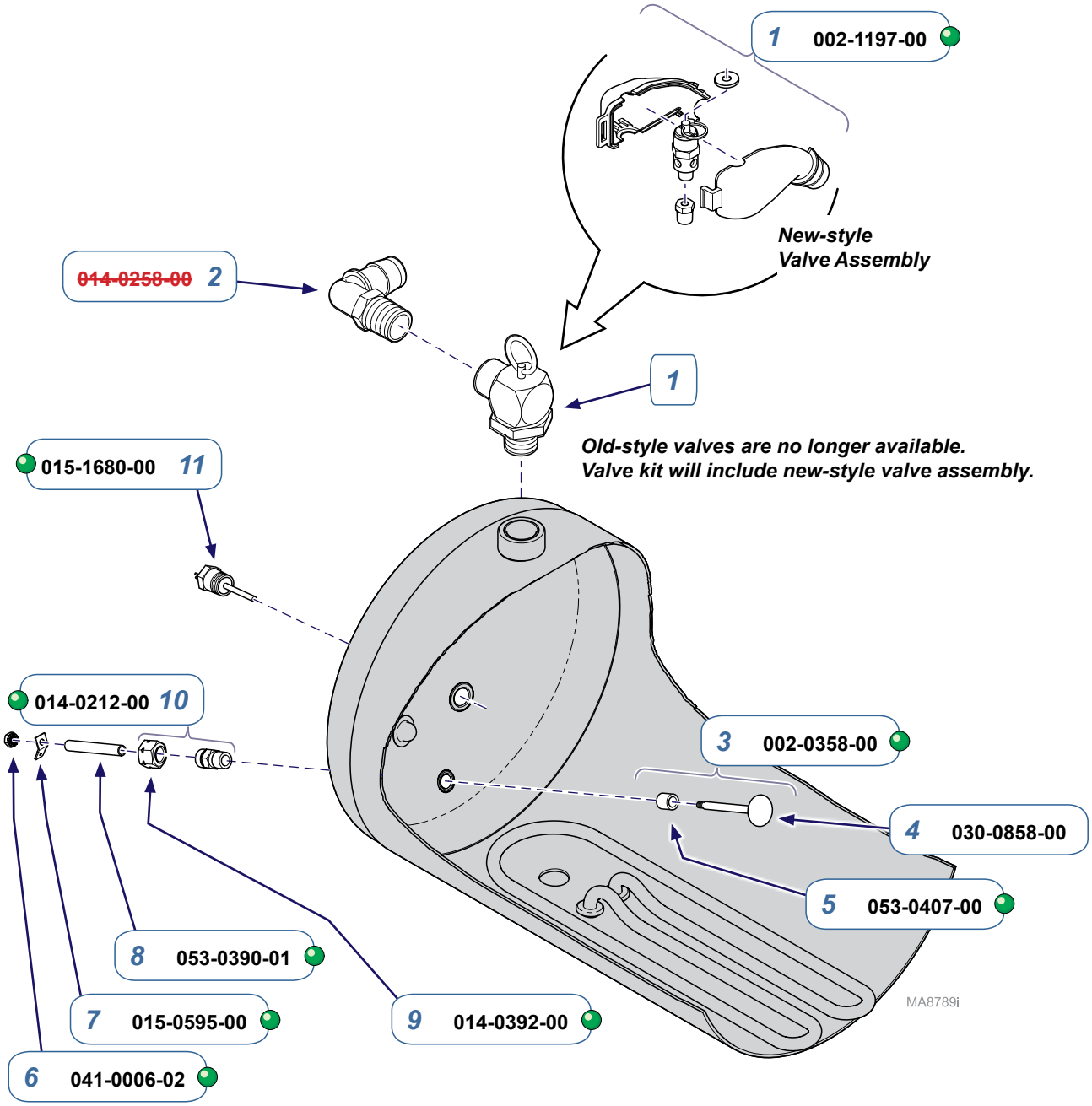

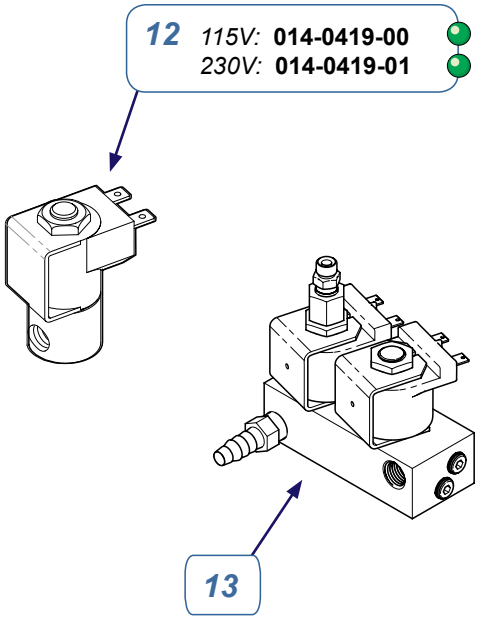

Sensors / Valves

Item	Description	Qty.
1	Pressure Relief Valve Kit *(includes new-style assembly)*	1
2	Elbow Fitting *(for old-style valve)*	1
3	Water Level Sensor *(includes 4 thru 9)*	1
4	• Sensor Probe	1
5	• Spacer	
6	• Nut	1
7	• Terminal	1
8	• Teflon Tube	1
9	• Compression Fitting	1
10	Connector *(includes item #9)*	1
11	Temperature Sensor	1
12	Air Valve	1
13	Refer to: *"Fill / Vent Valve"*	Ref

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*All prefixes: RN, RP, RR, RS, RT, RV, RW, RX, RY, RZ* *V2200 thru V721880*

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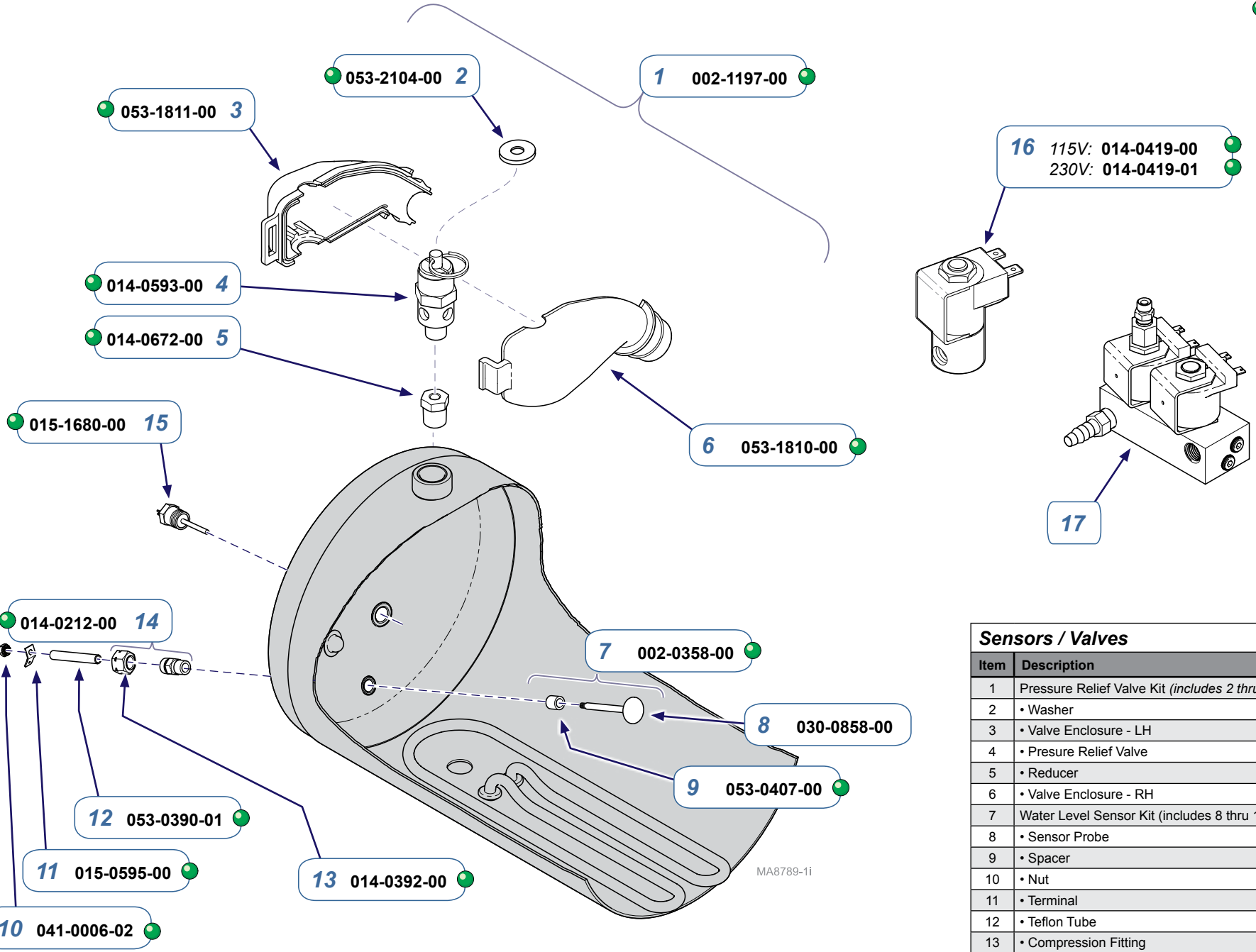

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*V721881 thru Present*

Sensors / Valves

Item	Description	Qty.
1	Pressure Relief Valve Kit *(includes 2 thru 6)*	1
2	• Washer	1
3	• Valve Enclosure - LH	1
4	• Presure Relief Valve	1
5	• Reducer	1
6	• Valve Enclosure - RH	1
7	Water Level Sensor Kit (includes 8 thru 13)	1
8	• Sensor Probe	1
9	• Spacer	1
10	• Nut	1
11	• Terminal	1
12	• Teflon Tube	1
13	• Compression Fitting	1
14	Connector *(includes item # 13)*	1
15	Temperature Sensor	1
16	Air Valve	1
17	Refer to: *"Fill / Vent Valve"*	Ref

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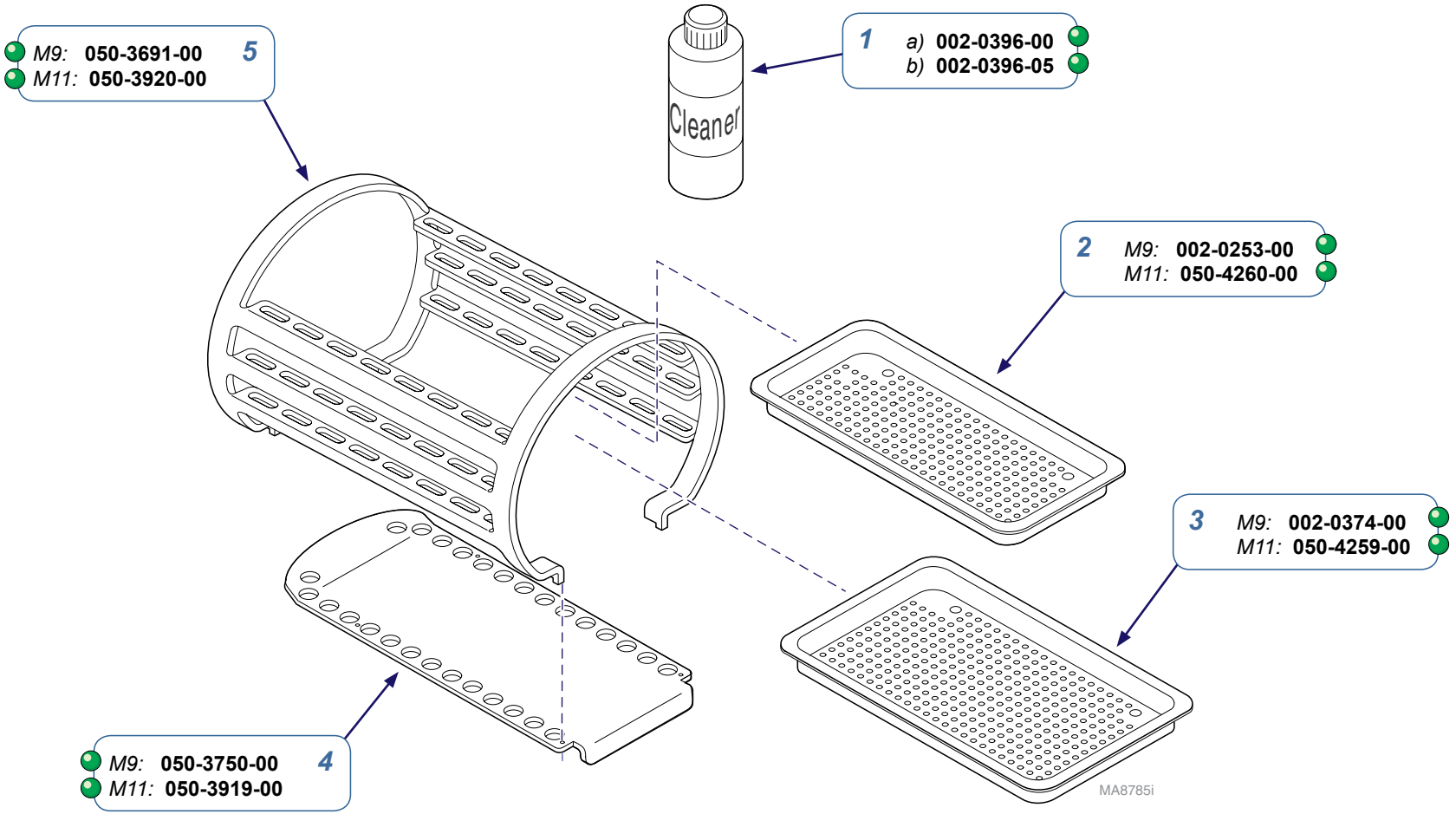

Trays / Racks		
Item	**Description**	**Qty.**
1	Speed-Clean (includes SDS) *a) one bottle* *b) one case (12 bottles)*	1
2	Small Tray	2
3	Large Tray	2
4	Tray Plate	1
5	Tray Rack	1

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

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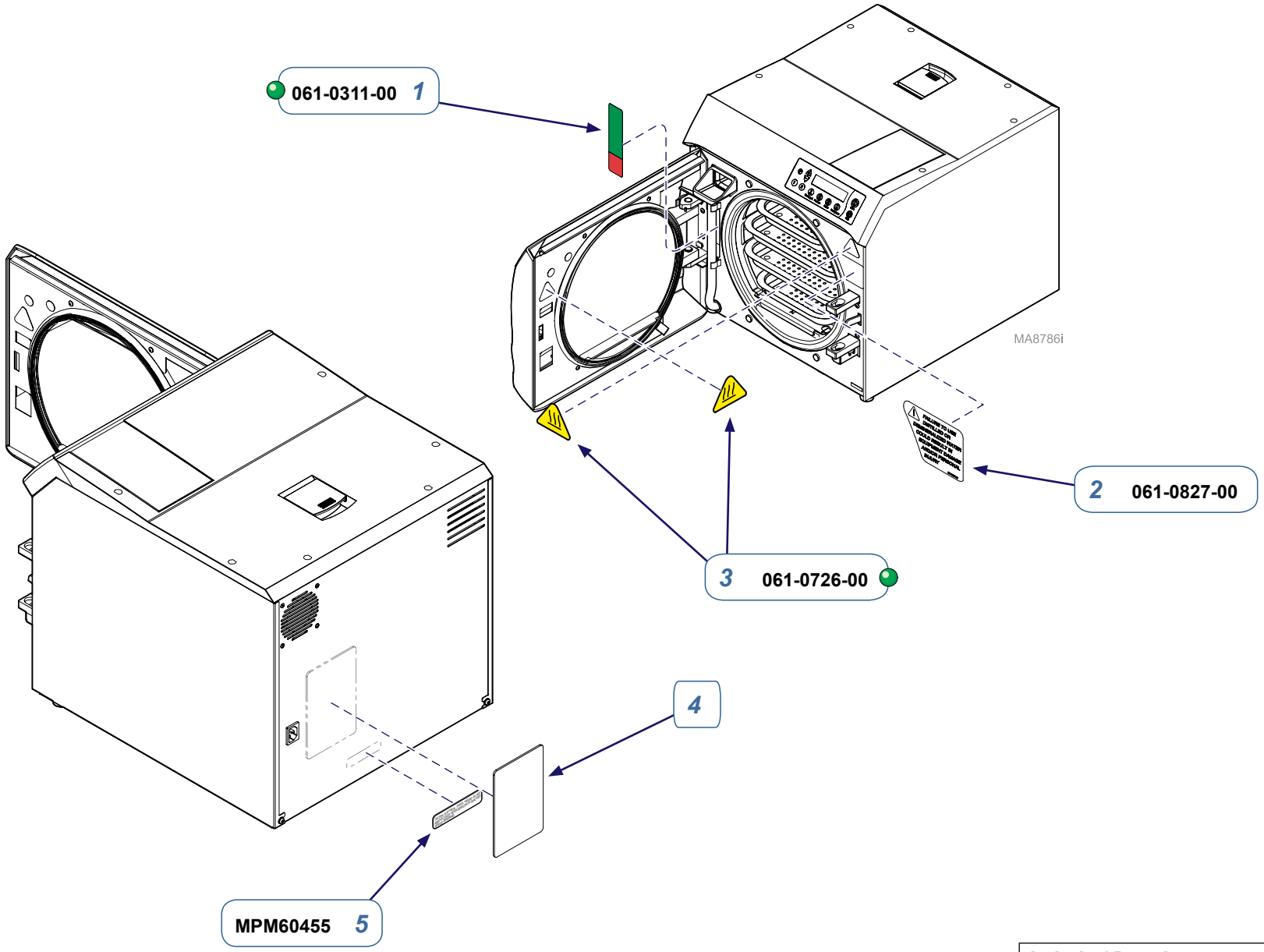

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

Labels / Decals

Item	Description	Qty.
1	Water Level Label	1
2	Distilled Water Label	1
3	Hot Surface Label	2
4	Serial Number Label	1
5	Caution Label	1

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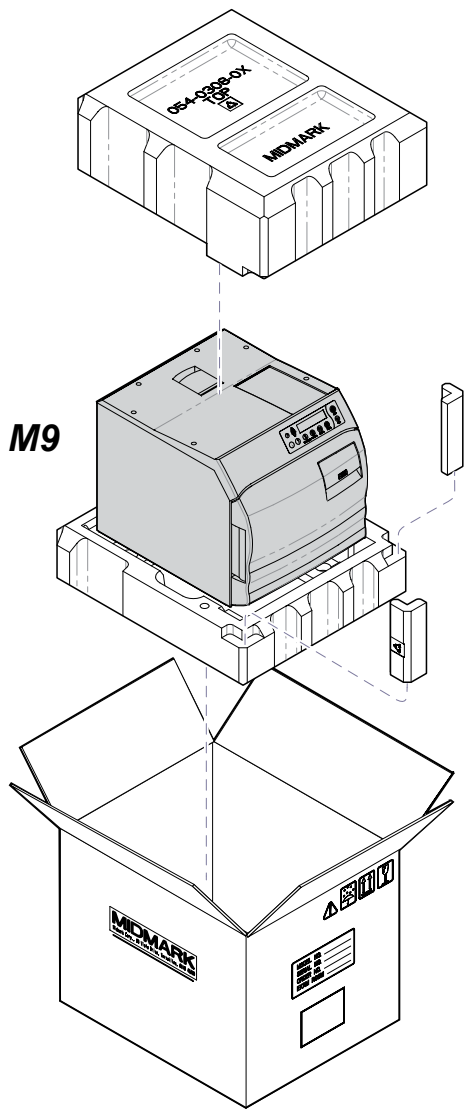
1 M9: 002-0785-00



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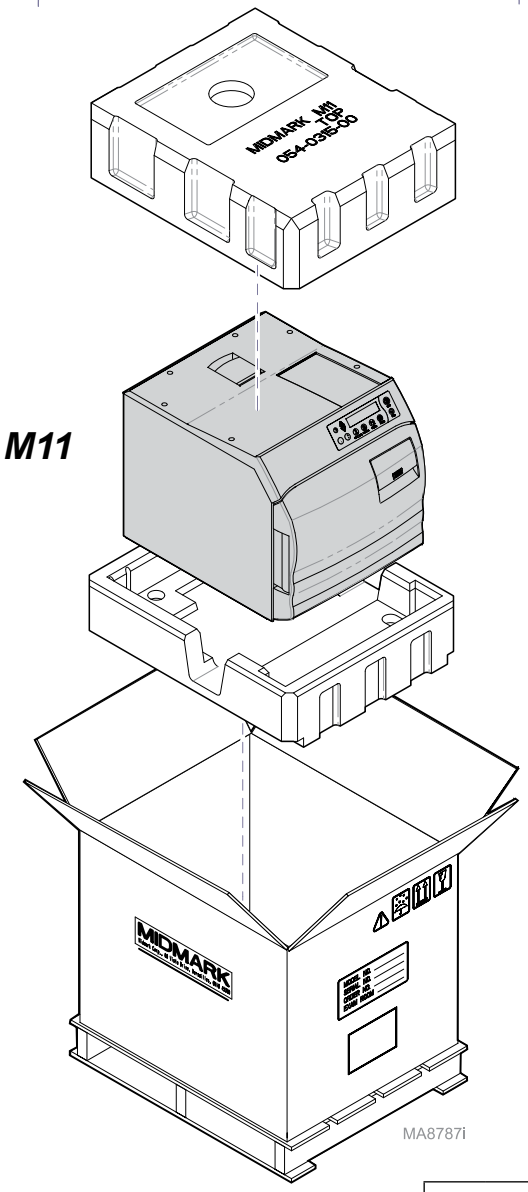

Page Applies To Model Numbers:	Serial Numbers:
M9/D (-020 thru -022) *M11/D (-020 thru -022)*	*all*

Packaging

Item	Description	Qty.
1	M9 Packaging Bundle *(includes all packaging items shown)*	1
2	M11 Packaging Bundle *(includes all packaging items shown)*	1

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